said edge surfaces being in respective generally parallel transverse planes which are essentially perpendicular to said central axis,

an inner web supported by said support structure, defining at least one pair of concentric annular surfaces which, in radial cross-section, define a V,

the annular surfaces each having a single circumferential row of spaced-apart individual perforations along the mid-section thereof, the individual perforations each defining a flow path through said static mixer module, the flow paths defined by the perforations of one of said pair of surfaces having directions which directly or in extension impinge upon or cross over the flow paths defined by the perforations of the other of said pair of surfaces .

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Claim 2 (four-times amended). Static mixer module according to Claim 1, wherein the concentric annular surfaces are at an angle α of 5 degrees to 85 degrees to one of said parallel transverse planes.

Claim 3 (four-times amended). Static mixer module according to Claim 1, wherein the concentric annular surfaces are at an angle α smaller than 15 degrees to one of said parallel transverse planes and wherein the mixer module has a front side and rear side, and spacer contours on the front side, the rear side, or on both.

Claim ~~4~~ 2 (four-times amended). Static mixer module according to claim ~~1 or 23~~ 1, wherein the perforations are defined by parallel walls and the parallel walls of the perforations form angles β defining ± 30 degrees to the surfaces through which they pass.

Claims 5, 8, 9, 17, 18 and 21 please cancel.

Claim 6 (three-times amended). Static mixer module according to Claim 1, wherein the mixer module is divided into two or more regions or segments which have differently arranged annular surfaces, differently structured annular surfaces, or both.

Claim ~~7~~ 3 (twice amended). Static mixer module according to Claim ~~1 or 23~~ 1, wherein the mixer module is divided into two or more regions or segments which have different spacings between the perforations, different cross-sectional openings of the perforations, or both.

Claim ~~10~~ 4 (three-times amended). Static mixer module according to Claim ~~1 or 23~~ 1, wherein the module has a front side and a rear side, with baffle surfaces on the front side.

Claim ~~11~~ 10 (twice amended). Static mixer module according to Claim ~~1 or 23~~ 1, wherein the module consists of alloyed steel, non-ferrous metal, plastic, glass, ceramic or a catalytically acting alloy.

Claim ~~12~~ 11 (twice amended). Mixer arrangement, comprising at least two static mixer elements arranged one behind the other, wherein at least one mixer element is a static mixer module according to Claim ~~1 or 23~~ 1.

Claim 13 (twice amended). Mixer arrangement according to Claim 12, comprising at least two static mixer modules according to Claim 1 or 23, which are arranged directly one behind the other or comprising at least one static mixer module of claim 1 and at least one static mixer module of claim 23 which are arranged directly one behind the other.

Claim ~~14~~ 9 (three-times amended). Mixer arrangement according to Claim ~~13~~ 8, wherein said at least two static mixer ~~modules~~ elements are rotated about their central axis relative to each other.

Claim ~~15~~ 10 (three-times amended). Mixer arrangement according to Claim ~~14~~ 9, wherein said at least two static mixer ~~modules~~ elements are rotated relative to one another at an angle Y of 5 degrees to 175 degrees.

Claim ~~20~~ 15 (amended). The static mixer module of Claim ~~10~~ 4, wherein said baffle surfaces are flattenings or sheet-like elevations.

Claim ~~22~~ 11 (three-times amended). Mixer arrangement according to claim ~~12~~ 7, comprising at least one static mixer module which is divided into two or more regions or segments each of which has different spacings between the perforations or different sizes of perforations, said module being followed directly by a static mixer element or a static mixer module adapted to nest with it.

Please add the following new claims:

--Claim ~~23~~ 1. A circular-shaped static mixer module having outer dimensions defined by the circumference of a circle and two generally parallel transverse planes spaced apart from each other and perpendicular to the central axis of said circle, said module comprising a series of parallel v-shaped panels spanning the interior of said circle, between said parallel planes and being parallel to a diameter of said circle, each v-shaped panel defining two planar surfaces corresponding to the legs of a v, with adjacent panels being joined to each other to form a sawtooth pattern, each of said two planar surfaces having a single row of spaced-apart perforations substantially central to the surface area of said planar surfaces, the individual perforations each defining a flow path through said static mixer module, the flow paths defined by the perforations of one of said two planar surfaces having directions which directly or in extension impinge upon or cross over the flow paths defined by the perforations of the other of said two planar surfaces.

Claim ~~24~~ 12. Static mixer module according to Claim ~~23~~ 1, wherein the planar

surfaces are at an angle α of 5 degrees to 85 degrees to one of said parallel transverse planes.

Claim ~~25~~ 13. Static mixer module according to Claim ~~23~~ 1, wherein the planar surfaces are at an angle α smaller than 15 degrees to one of said parallel transverse planes and wherein the mixer module has a front side and rear side, and spacer contours on the front side, the rear side, or on both.

Claim ~~26~~ 14. Static mixer module according to Claim ~~23~~ 1, wherein the mixer module is divided into two or more regions or segments which have differently arranged planar surfaces, differently structured planar surfaces, or both.

## REMARKS

This application pertains to a novel static mixer.

Claims 1-4, 6, 7, 10-15, 19, 20, 22 and 23-26 are pending, claims 5, 8, 9, 17, 18 and 21 being canceled and claims 23-26 added by this amendment.

The disclosure has been objected to because in the amendment of page 5, filed 21 March 2002, the expression "parallel walls of the channels" should have read -- parallel walls of the orifices.-- This has now been corrected, and the objection should